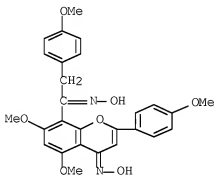


ACCESSION NUMBER: 1956:89181 CAPLUS [Full-text](#)
 DOCUMENT NUMBER: 50:89181
 ORIGINAL REFERENCE NO.: 50:16759f-g
 TITLE: Structure of sciadopitysin, a flavonoid from the leaves of *Sciadopitys verticillata*. III. The structure of oxoflavone and carboxyflavone
 AUTHOR(S): Kariyone, Tatsuo; Kawano, Nobusuke
 SOURCE: Yakugaku Zasshi (1956), 76, 453-6
 CODEN: YKKZAJ; ISSN: 0031-6903
 DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable
 AB IV and V were each shown to have 2 MeO groups and 2 phenolic HO groups and were assumed to have the skeleton of acacetin 7-Me ether (VI) with an acyl group as the side-chain. IV is VI where the acyl is COCH₂C₆H₄OH and V is IV bearing a group on the VI moiety.
 IT 874530-27-5P, Flavone, 4',5,7-trimethoxy-8-[(p-methoxyphenyl)acetyl]-, dioxime
 RL: PREP (Preparation)
 (preparation of)
 RN 874530-27-5 CAPLUS
 CN Flavone, 4',5,7-trimethoxy-8-[(p-methoxyphenyl)acetyl]-, dioxime (5CI)
 (CA INDEX NAME)

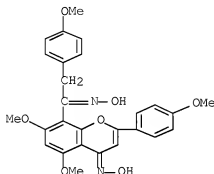


L9 ANSWER 55 OF 66 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1956:89180 CAPLUS [Full-text](#)
 DOCUMENT NUMBER: 50:89180
 ORIGINAL REFERENCE NO.: 50:16759e-f
 TITLE: Structure of sciadopitysin, a flavonoid from the leaves of *Sciadopitys verticillata*. II. Degradation of sciadopitysin
 AUTHOR(S): Kariyone, Tatsuo; Kawano, Nobusuke
 SOURCE: Yakugaku Zasshi (1956), 76, 451-2
 CODEN: YKKZAJ; ISSN: 0031-6903
 DOCUMENT TYPE: Journal
 LANGUAGE: Unavailable
 AB Decomposition of I by boiling 1.5 hrs. with 20% aqueous KOH afforded an oxoflavone (IV), C₂₅H₂₀O₇, yellow columns, m. 241-2°, a carboxyflavone (V), C₂₆H₂₀O₉, yellow, m. 311° (decomposition), anisic acid, p-MeOC₆H₄Ac, and 4,2,6-MeO-(HO)C₆H₂Ac; the yield of these products varied with the concentration of KOH and duration of boiling.
 IT 874530-27-5P, Flavone, 4',5,7-trimethoxy-8-[(p-methoxyphenyl)acetyl]-, dioxime

RL: PREP (Preparation)
(preparation of)

RN 874530-27-5 CAPLUS

CN Flavone, 4',5,7-trimethoxy-8-[(p-methoxyphenyl)acetyl]-, dioxime (5CI)
(CA INDEX NAME)



L9 ANSWER 56 OF 66 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1956:89179 CAPLUS [Full-text](#)

DOCUMENT NUMBER: 50:89179

ORIGINAL REFERENCE NO.: 50:16759d-f

TITLE: Structure of sciadopitysin, a flavonoid from the leaves of *Sciadopitys verticillata*. I

AUTHOR(S): Kariyone, Tatsuo; Kawano, Nobusuke

SOURCE: Yakugaku Zasshi (1956), 76, 448-50

CODEN: YKKZAJ; ISSN: 0031-6903

DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

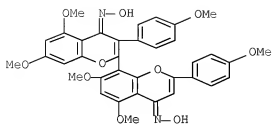
AB Air-dried leaves (3 kg.) in 20 l. CHCl₃:CCl₂ refluxed 3 hrs., the extract concentrated to 3 l., allowed to stand overnight, the waxy precipitate warmed up, and the insol. residue filtered off gave 9 g. sciadopitysin (I), yellow columns, m. 285-6° (from C₅H₅NEtOH); triacetate, prisms, m. 264°; tri-Me ether (IIa), m. 214-15° (oxime, C₃₆H₃₂O₁₀N₂, columns, m. 248-9°). I (0.1 g.) in 40 ml. Me₂CO treated with 0.5 g. each of K₂CO₃ and MeI and the mixture refluxed 40 min. and concentrated gave a I mono-Me ether (II), m. 282°, identical with ginkgetin di-Me ether (III) by mixed m.p. II gives a diacetate, m. 228°, identical with the diacetate of III by mixed m.p. Demethylation of I with HI gave C₃₀H₁₈O₁₀.5H₂O, m. above 360°, and acetylation of this substance gave a product, m. 240°, identical with that prepared by treating ginkgetin in a similar way.

IT 854209-81-7P, [2,8'-Bi-4H-1-benzopyran]-4,4'-dione, 5,5',7,7'-tetramethoxy-2',3-bis(p-methoxyphenyl)-, dioxime
874530-27-5P, Flavone, 4',5,7-trimethoxy-8-[(p-methoxyphenyl)acetyl]-, dioxime

RL: PREP (Preparation)
(preparation of)

RN 854209-81-7 CAPLUS

CN [2,8'-Bi-4H-1-benzopyran]-4,4'-dione, 5,5',7,7'-tetramethoxy-2',3-bis(p-methoxyphenyl)-, dioxime (5CI) (CA INDEX NAME)



RN 874530-27-5 CAPLUS

CN Flavone, 4',5,7-trimethoxy-8-[(p-methoxyphenyl)acetyl]-, dioxime (5CI)
(CA INDEX NAME)

